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Part Number:

0468171002

Status:

Active

Overview:

EXTreme Guardian System

Description:

EXTreme Guardian 2 Circuit Power Plug Assembly without Stand-Off, PC Tail 3.86mm

Documents:	
Drawing (PDF)	Product Specification PS-46819-001-001 (PDF)
3D Model	Packaging Specification PK-46817-002-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	46817
Application	Wire-to-Board
Component Type	PCB Header
Overview	EXTreme Guardian System
Product Name	EXTreme Guardian
Taxonomy	Board-to-Board Connectors
UPC	884982274730
Physical	
(p)ower-(s)ignal Configuration	2p - 0s
Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	Yes
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	16.746/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.86mm
PCB Locator	Yes
PCB Thickness - Recommended	2.36mm
Packaging Type	Tray
Pitch - Mating Interface	11.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	80.0A
Voltage - Maximum	600V AC/DC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	040



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
Halogen-Free	
Status	
Not Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

46817 Series

Mates With

68790 EXTreme Guardian Cable Assembly

Lead-free	Process Capability	WAVE
Max. Cycles at Max. Process Temperature		003
Process Temperature max. C		260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-46817-002-001
Product Specification	PS-46819-001-001
Sales Drawing	SD-46817-1002-001

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